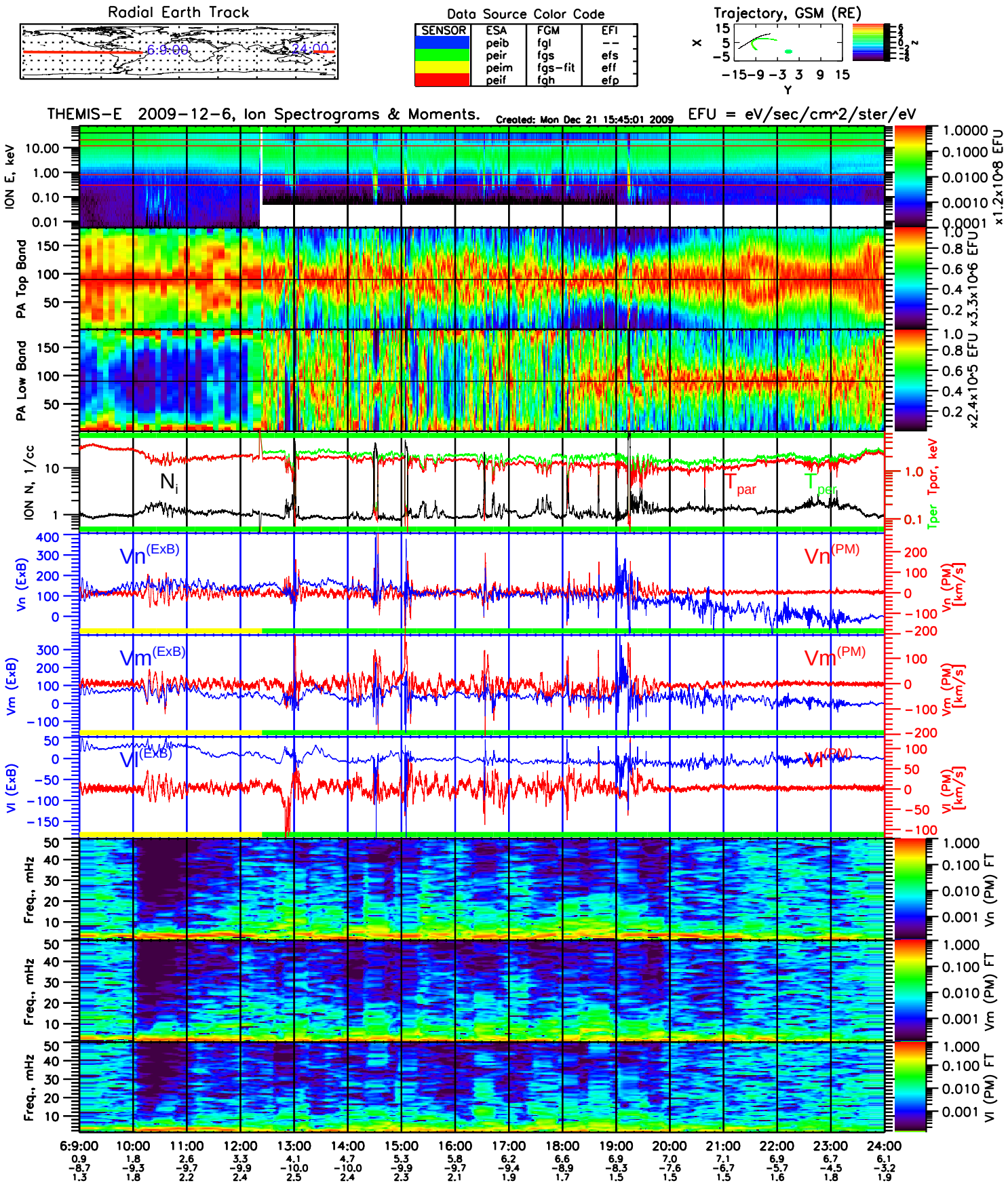
Radial Earth Track
6:9:00
24:00
Data Source Color Code
SENSOR
ESA
FGM
EFI
peib
fgl
--
peir
fgs
efs
peim
fgs-fit
eff
peif
fgh
efp
Trajectory, GSM (RE)
X
Y
Z
THEMIS-E 2009-12-6, Ion Spectrograms & Moments.
Created: Mon Dec 21 15:45:01 2009
EFU = eV/sec/cm^2/ster/eV
ION E, keV
PA Top Band
PA Low Band
x1.2x10^8 EFU
x3.3x10^6 EFU
x2.4x10^5 EFU
ION N, 1/cc
Ni
Tpar
Tper
Tper Tpar, keV
Vn (ExB)
Vn(ExB)
Vn(PM)
Vn (PM) [km/s]
Vm (ExB)
Vm(ExB)
Vm(PM)
Vm (PM) [km/s]
Vl (ExB)
Vl(ExB)
Vl(PM)
Vl (PM) [km/s]
Freq., mHz
Vn (PM) FT
Vm (PM) FT
Vl (PM) FT
6:9:00 0.9 -8.7 1.3
10:00 1.8 -9.3 1.8
11:00 2.6 -9.7 2.2
12:00 3.3 -9.9 2.4
13:00 4.1 -10.0 2.5
14:00 4.7 -10.0 2.4
15:00 5.3 -9.9 2.3
16:00 5.8 -9.7 2.1
17:00 6.2 -9.4 1.9
18:00 6.6 -8.9 1.7
19:00 6.9 -8.3 1.5
20:00 7.0 -7.6 1.5
21:00 7.1 -6.7 1.5
22:00 6.9 -5.7 1.6
23:00 6.7 -4.5 1.8
24:00 6.1 -3.2 1.9